Sheet	1	of	1
)11 0 01	1	O.	

Substitute From PTO-1449 (Modified R.)

U.S. Department of Commerce Patent and Trademark Office Attomey's Docket No. 13298-010001

Application No. 10/824,677

Information Disclosure Statement by Applicant (Use several sheets if necessary)

Applicant Tatsuya Yoshikawa

Filing Date

Group Art Unit April 15, 2004

(37 CFR §1.98(b))

ΑK

U.S. Patent Documents Filing Date Publication Examiner Desig. Document ID Number Date Patentee Class **Subclass** If Appropriate Initial 2001/0053340 12/20/01 423 213.2 Noda et al. AA CAS AB AC AD ΑE ΑF AG AΗ ΑI ΑJ

	Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig.	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Trans Yes	lation No
CAJ	AL	WO 03/045547	06/05/03	WIPO	B01J	29/06		
VA S	AM	WO 01/37978	05/31/01	WIPO	B01D	53/94		
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)						
Examiner	Desig.					
Initial	ID	Document				
	AQ	<u> </u>				
	AR	-				
	AS					
	AT					

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if no next communication to applicant.	I of in conformance and not considered. Include copy of this form with

Diffeet I of I	Shee	t 1	of	1
----------------	------	-----	----	---

Substitute Form PTO-1449 U.S. Department of Commerce (Modified) Patent and Trademark Office		Attomey's Docket No. 13298-010001	Application No.
Information Disclosure Statement by Applicant		Applicant Tatsuya Yoshikawa	
(Use several sh	eets if necessary)	Filing Date April 15, 2004	Group Art Unit

			U.S. Pate	ent Documents			
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
LAS	AA	5,762,892	06/09/98	Kasahara et al.	423	213.5	
· UAS	AB	5,330,732	07/19/94	Ishibashi et al.	423	213.2	
	AC		·				
	AD						
	AE						
	AF			·			
	·AG						
	AH						
	AI						
	AJ			·			
	AK						

	Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass		lation No.
CAS	AL	11-90235	04/06/99	JР	B01J	29/068		
CAI	AM	10-156144	06/16/98	ЛР	B01D	53/94		
V-V-	AN							
	AO							
	. AP							

	Other D	ocuments (include Author, Title, Date, and Place of Publication)	
Examiner	Desig.		
Initial	ID	Document	
	AQ		
	AR		
	AS		
	AT		.

· · · · · · · · · · · · · · · · · · ·	
Examiner Signature .	Date Considered
apr	111/06
EXAMINER: Initials citation considered. Draw line through citation if no	ot in conformance and not considered. Include copy of this form with
next communication to applicant.	